

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD111921AL\
 Data File : FD039569.D
 Signal(s) : FID2B.CH
 Acq On : 20 Nov 2021 15:23
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Nov 22 00:01:00 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 102621.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 27 04:49:08 2021
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.657	2715977	21.287 ug/ml
Spiked Amount 50.000		Recovery =	42.57%
12) S 1-chlorooctadecane (S...	13.083	2088176	20.093 ug/ml
Spiked Amount 50.000		Recovery =	40.19%
Target Compounds			
1) T n-Nonane (C9)	3.421	2489074	21.407 ug/ml
2) T n-Decane (C10)	4.489	2548796	21.801 ug/ml
3) T A~Naphthalene (C11.7)	6.080	2821761	21.895 ug/ml
4) T n-Dodecane (C12)	6.503	2557243	21.612 ug/ml
5) T A~2-methylnaphthalene...	7.135	2808215	21.382 ug/ml
6) T n-Tetradecane (C14)	8.295	2556456	21.689 ug/ml
7) T n-Hexadecane (C16)	9.893	2547288	21.257 ug/ml
8) T n-Octadecane (C18)	11.332	2585292	21.124 ug/ml
10) T n-Eicosane (C20)	12.638	2530686	20.520 ug/ml
11) T n-Heneicosane (C21)	13.249	2512133	20.061 ug/ml
13) T n-Docosane (C22)	13.833	2495956	20.096 ug/ml
14) T n-Tetracosane (C24)	14.932	2494604	20.096 ug/ml
15) T n-Hexacosane (C26)	15.950	2391076	19.464 ug/ml
16) T n-Octacosane (C28)	16.897	2348644	20.174 ug/ml
17) T n-Tricontane (C30)	17.781	2344952	19.907 ug/ml
18) T n-Dotriacontane (C32)	18.610	2298215	20.101 ug/ml
19) T n-Tetratriacontane (C34)	19.391	2243045	21.162 ug/ml
20) T n-Hexatriacontane (C36)	20.127	2168883	21.291 ug/ml
21) T n-Octatriacontane (C38)	20.865	2098017	21.863 ug/ml
22) T n-Tetracontane (C40)	21.785	2105952	22.828 ug/ml

(f)=RT Delta > 1/2 Window

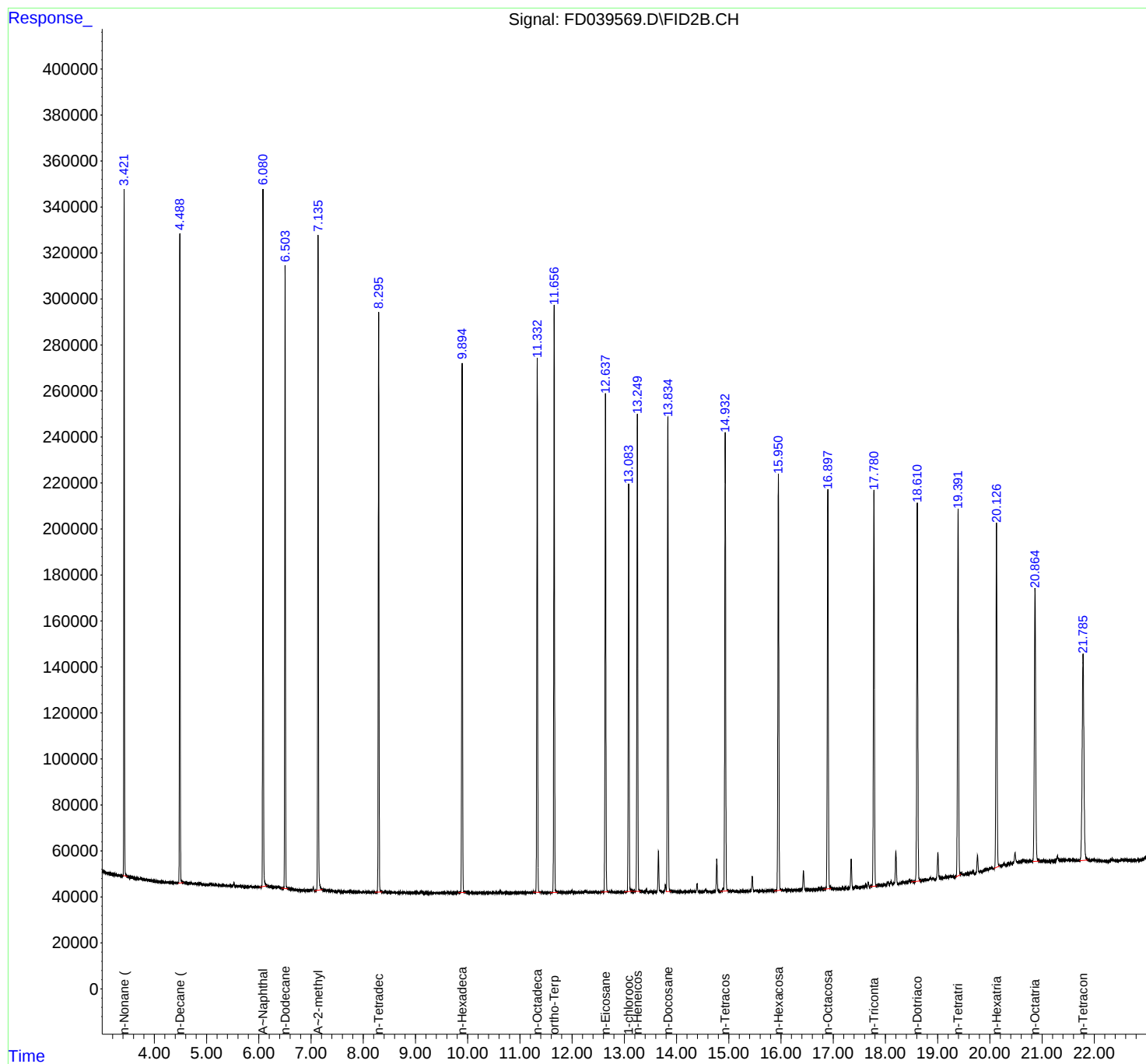
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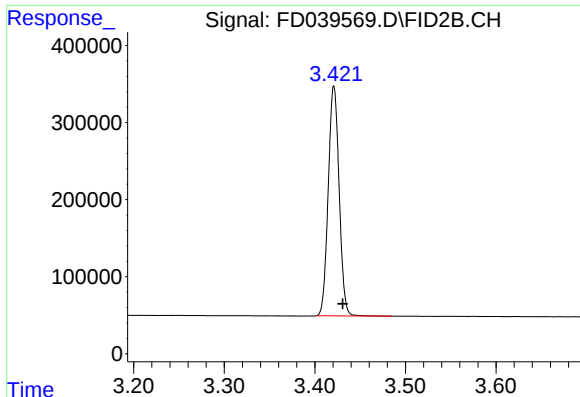
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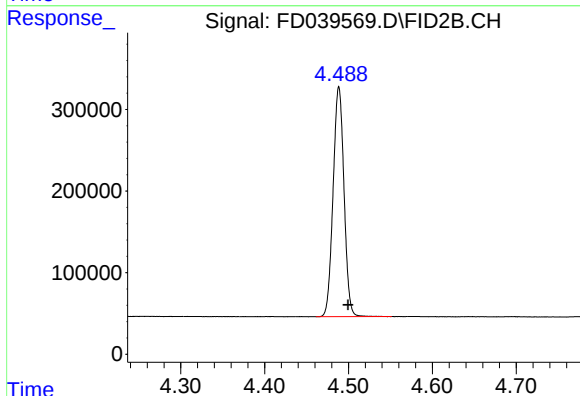




#1 n-Nonane (C9)

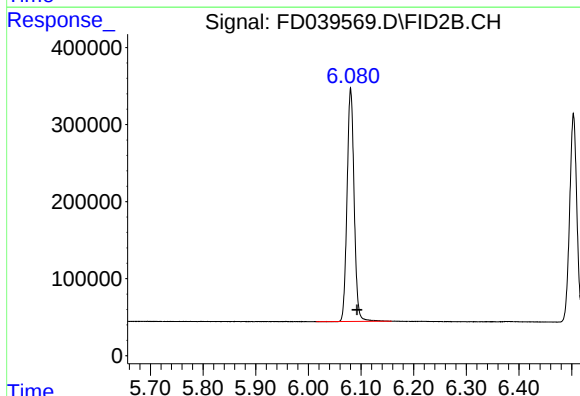
R.T.: 3.421 min
Delta R.T.: -0.010 min
Response: 2489074
Conc: 21.41 ug/ml

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20 PPM ALIPHATIC HC STD



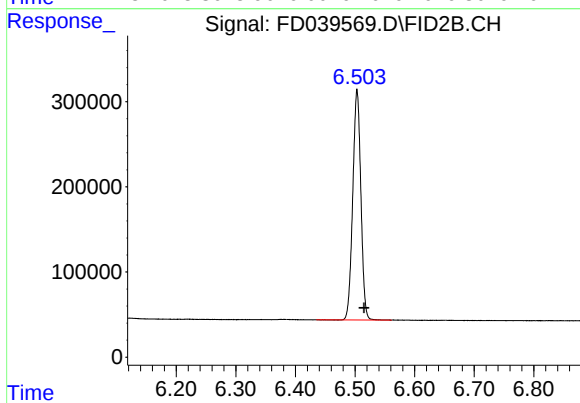
#2 n-Decane (C10)

R.T.: 4.489 min
Delta R.T.: -0.011 min
Response: 2548796
Conc: 21.80 ug/ml



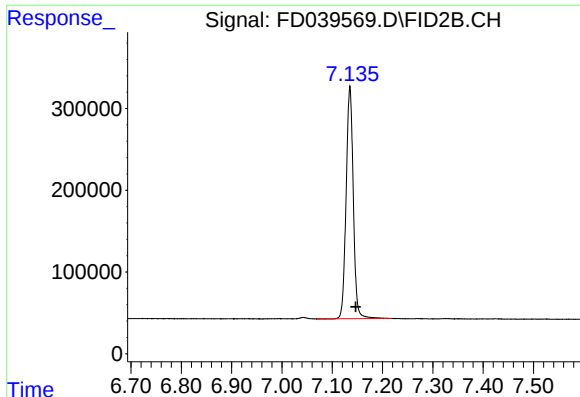
#3 A~Naphthalene (C11.7)

R.T.: 6.080 min
Delta R.T.: -0.012 min
Response: 2821761
Conc: 21.89 ug/ml



#4 n-Dodecane (C12)

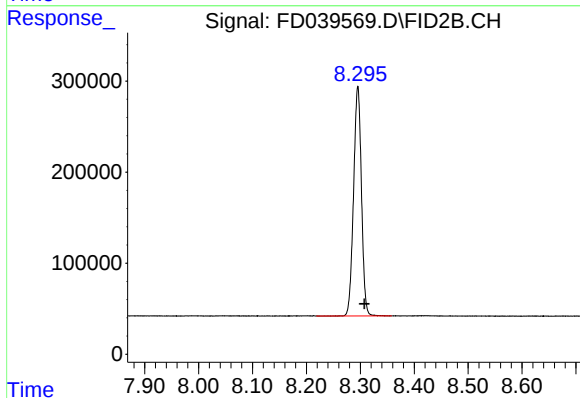
R.T.: 6.503 min
Delta R.T.: -0.012 min
Response: 2557243
Conc: 21.61 ug/ml



#5 A~2-methylnaphthalene (C12.89)

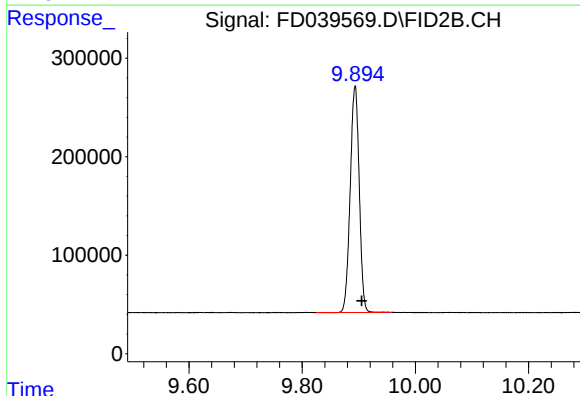
R.T.: 7.135 min
Delta R.T.: -0.012 min
Response: 2808215
Conc: 21.38 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



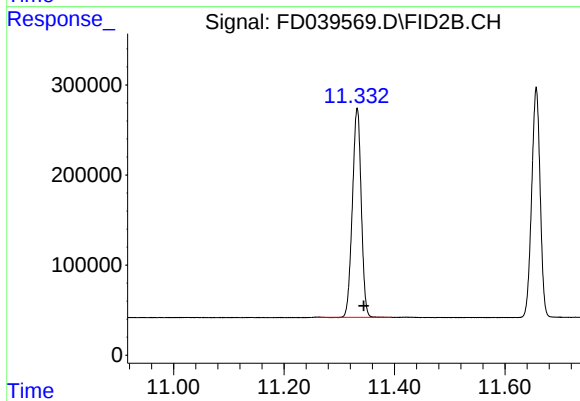
#6 n-Tetradecane (C14)

R.T.: 8.295 min
Delta R.T.: -0.012 min
Response: 2556456
Conc: 21.69 ug/ml



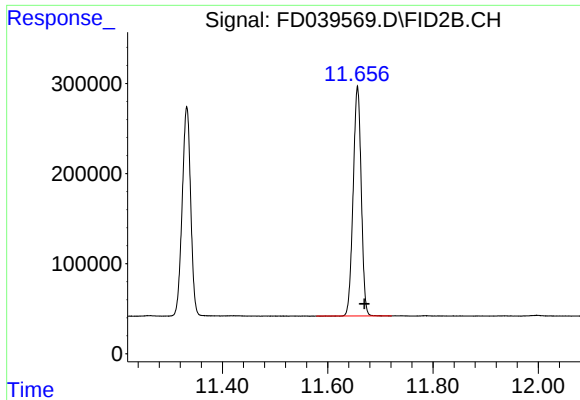
#7 n-Hexadecane (C16)

R.T.: 9.893 min
Delta R.T.: -0.012 min
Response: 2547288
Conc: 21.26 ug/ml



#8 n-Octadecane (C18)

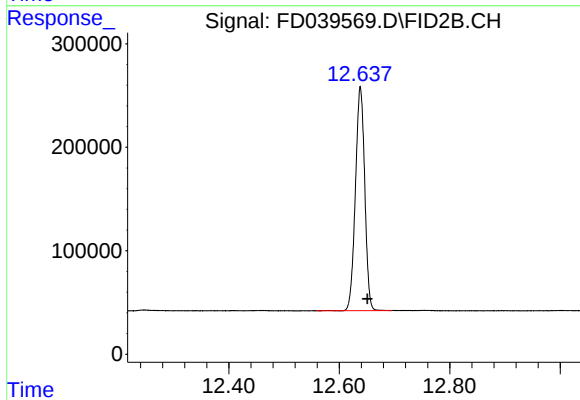
R.T.: 11.332 min
Delta R.T.: -0.012 min
Response: 2585292
Conc: 21.12 ug/ml



#9 ortho-Terphenyl (SURR)

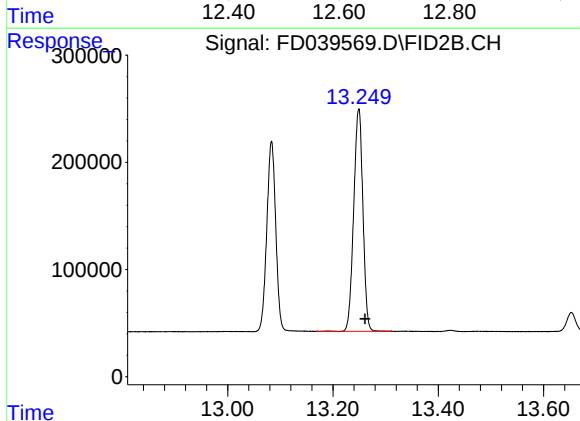
R.T.: 11.657 min
Delta R.T.: -0.013 min
Response: 2715977
Conc: 21.29 ug/ml

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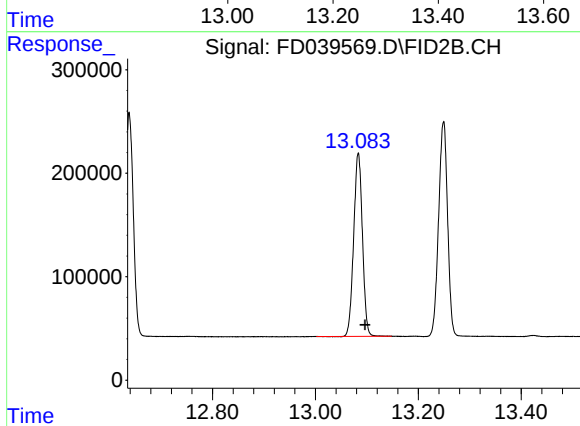
#10 n-Eicosane (C20)

R.T.: 12.638 min
Delta R.T.: -0.013 min
Response: 2530686
Conc: 20.52 ug/ml



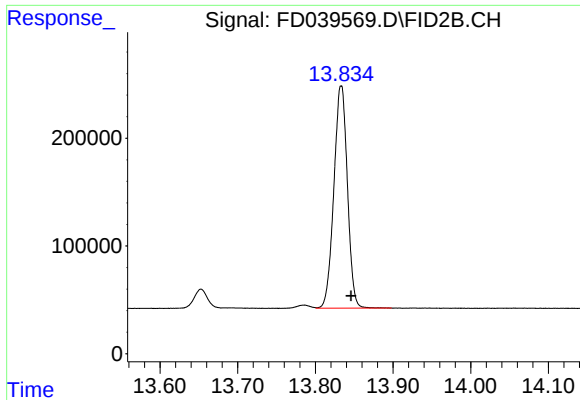
#11 n-Heneicosane (C21)

R.T.: 13.249 min
Delta R.T.: -0.013 min
Response: 2512133
Conc: 20.06 ug/ml



#12 1-chlorooctadecane (SURR)

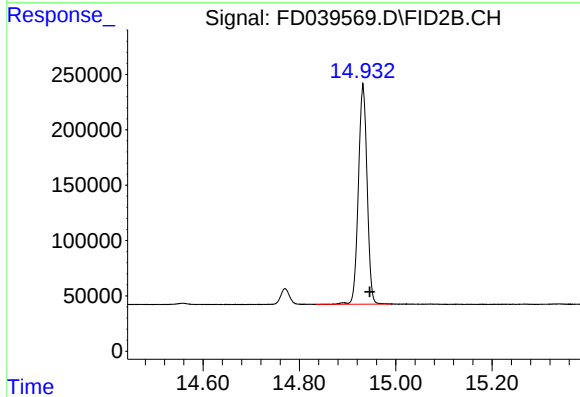
R.T.: 13.083 min
Delta R.T.: -0.013 min
Response: 2088176
Conc: 20.09 ug/ml



#13 n-Docosane (C22)

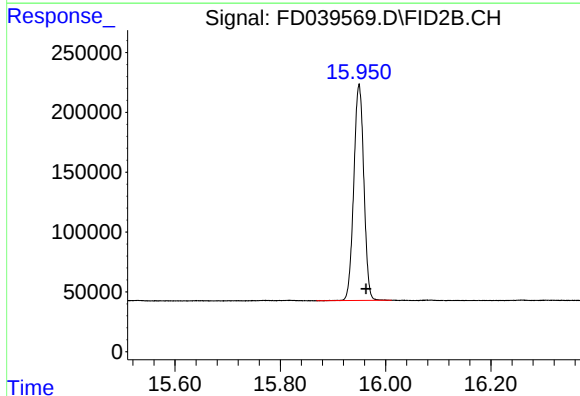
R.T.: 13.833 min
Delta R.T.: -0.013 min
Response: 2495956
Conc: 20.10 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD



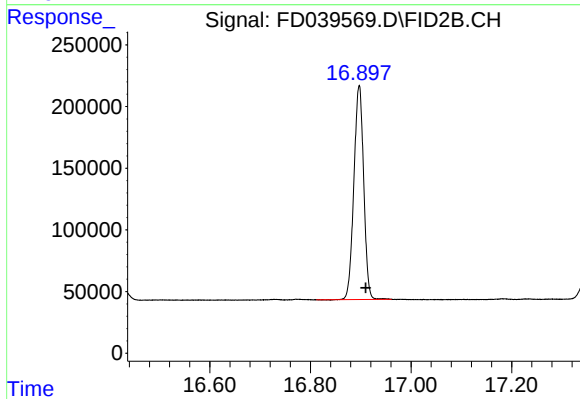
#14 n-Tetracosane (C24)

R.T.: 14.932 min
Delta R.T.: -0.014 min
Response: 2494604
Conc: 20.10 ug/ml



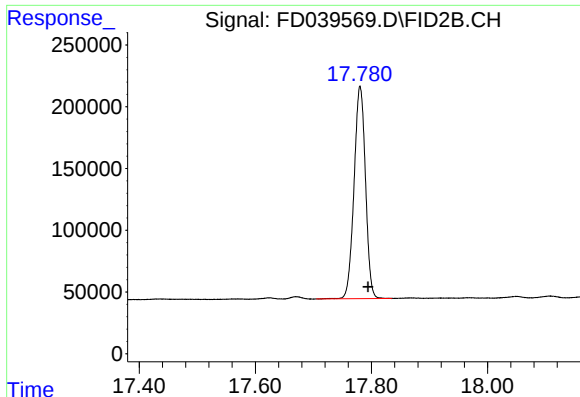
#15 n-Hexacosane (C26)

R.T.: 15.950 min
Delta R.T.: -0.013 min
Response: 2391076
Conc: 19.46 ug/ml



#16 n-Octacosane (C28)

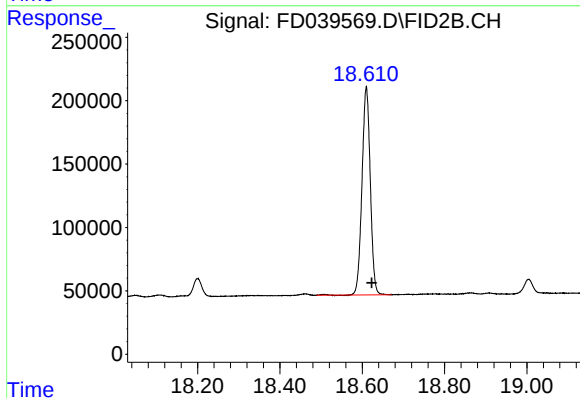
R.T.: 16.897 min
Delta R.T.: -0.013 min
Response: 2348644
Conc: 20.17 ug/ml



#17 n-Tricontane (C30)

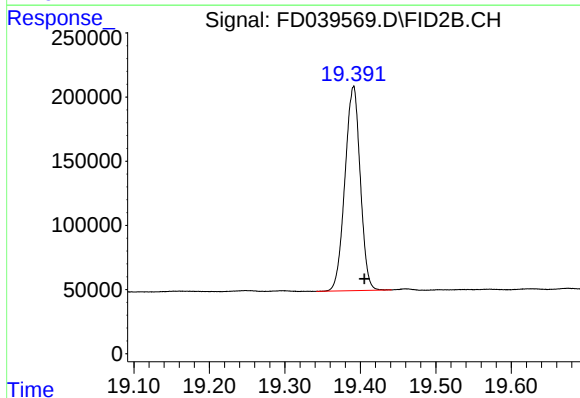
R.T.: 17.781 min
Delta R.T.: -0.014 min
Response: 2344952
Conc: 19.91 ug/ml

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20 PPM ALIPHATIC HC STD



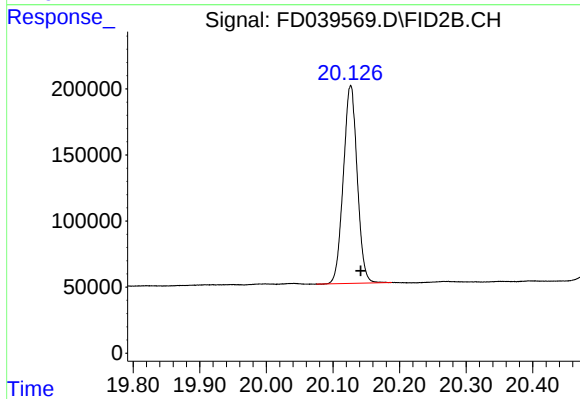
#18 n-Dotriacontane (C32)

R.T.: 18.610 min
Delta R.T.: -0.013 min
Response: 2298215
Conc: 20.10 ug/ml



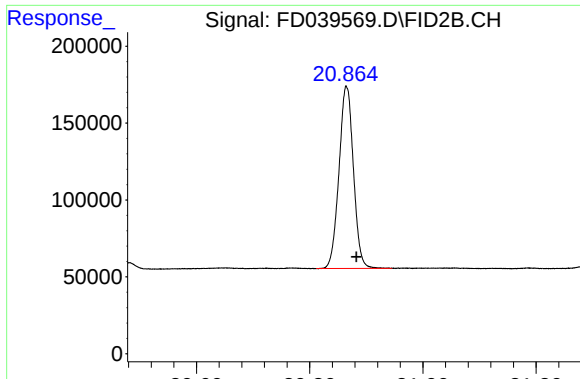
#19 n-Tetratriacontane (C34)

R.T.: 19.391 min
Delta R.T.: -0.015 min
Response: 2243045
Conc: 21.16 ug/ml



#20 n-Hexatriacontane (C36)

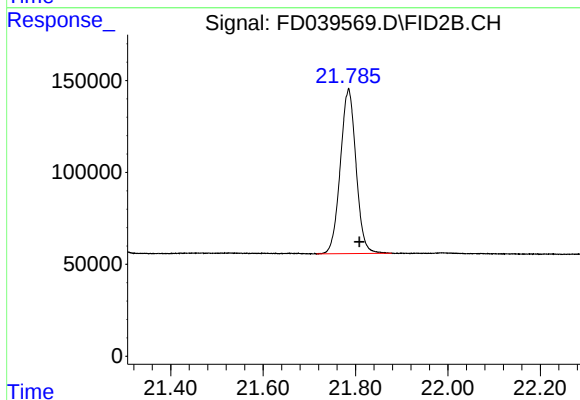
R.T.: 20.127 min
Delta R.T.: -0.015 min
Response: 2168883
Conc: 21.29 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.865 min
Delta R.T.: -0.017 min
Response: 2098017
Conc: 21.86 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.785 min
Delta R.T.: -0.024 min
Response: 2105952
Conc: 22.83 ug/ml